

DATE 21 AUG 67 ACFT 131 PILOT

TIME IN FLIGHT 4+00 TIME IN SUIT 6+30 PREBREATHING TIME 1+00

SATISFACTORY UNSATISFACTORY

1. PHYSICAL CONDITION (PILOT)

#51

2. SURVIVAL KIT AND CUSHION 510

3. PARACHUTE S/N 139

4. HELMET - 298

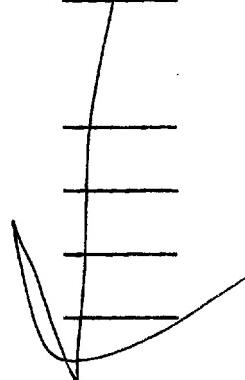
A. REFLECTIONS

B. FACE HEAT

C. COMMUNICATIONS

5. SUIT PROPER - 3

A. CABIN DECOMPRESSION: YES NO



6. OUTER GARMENT - 3

7. BOOTS AND SPURS, Q.D. Type

8. GLOVES - 2

9. OXYGEN SYSTEM

DEPART	RETURN
--------	--------

#1 1204 9.25 1645 8.10

#2 1204 9.25 1645 8.15

10. MISCELLANEOUS

11. EVALUATION ITEMS

A.

B.

C.

D.

E.

12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)

25X1A

Mission BX6716

* * * TOP SECRET * * *

DCOL CHECK LIST
 * DENOTES MANDATORY CALL TO COMMAND POST UPON COMPLETION 25X1A

H-24:00 TO H-23:30: SECURE SUITS, CHUTES, KITS AND VENT UNITS:
 DESIGNATE LIFE SUPPORT TECHNICIANS:

Prin A/C 131 P M.V. P
8/14 A/C 131 P T.L. S

H-23:30: ATTEND COMMANDERS BRIEFING:.....
 SUBMIT HANGAR ACCESS ROSTER, 5 CYS 1-MC 3-SECURITY 1-DCOL.....
 SUBMIT RECOVERY ROSTER, 3 CYS 1-MC 1-ADMIN 1-DCOL.....

H-22:00 TO H-21:30: COORDINATE WITH INTELLIGENCE AND SURVIVAL PERSONNEL ON
 SURVIVAL AND E&E ITEMS:.....

H-22:00 TO H-17:00: PREFLIGHT:

BOTH SUITS (EA PILOT).....
 PARACHUTE AND EMERGENCY O2 SYSTEMS.....
 SEAT KIT COMPONENTS.....
 SUIT ROOM VENT.....
 LOX VENT UNIT.....
 OXYGEN CYLINDERS.....
 TEST EQUIPMENT.....
 TRANSPORT VANS.....

H-20:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING:.....

H-3:00 TO H-1:40: PREPARE PREBREATHING ROOM FOR RECEIPT OF PILOT:.....

H-2:00 PERSONALLY CHECK WITH MISSION COORDINATOR AT C.P. TO VERIFY NAMES OF
 PRIMARY AND SPARE PILOTS AND AIRCRAFT:

Prin A/C 131 P M.V.
8/14 A/C P S

INSTALL SEAT KIT AND PARACHUTE:.....

H-2:00: RECEIVE PACKET FROM INTELLIGENCE:.....

H-1:45 TO H-1:30: SECURITY INSPECTS SUITS:.....

H-1:40 TO H-1:25: FLIGHT SURGEONS MEDICAL IN DCOL:.....

H-1:20 TO H-1:10: DRESS PILOT, PRESSURE CHECK EQUIPMENT:.....

H-1:10 TO H-1:05: PREPARE FOR PILOT TRANSPORT:.....

*H-1:05 TO H-1:00: TRANSPORT TO AIRCRAFT:.....

*H-1:00 TO H-0:45: PILOT HOOKUP AND SUIT A/C CHECK:.....

H-0:45 TO TAKEOFF: STANDBY IN DCOL AND PACK LOW RECOVERY EQUIPMENT:.....

LANDING: REMOVE PILOT, TRANSPORT PILOT BACK TO DCOL, DESUIT PILOT:.....

DEBRIEF PILOT, EVALUATE AND CHECK RELIABILITY OF EQUIPMENT:.....

POST-FLIGHT EQUIPMENT:.....

* * * TOP SECRET * * *

Local Time

1135-1205

OK

1205

OK

1335-1405

OK

1335-1835

OK

1535

OK

0835

0935

0935-

0950-

0905-

0910-

0915-

0925-

1025-

1030-

1035-

1050-

1135-

1150-

1200-

1235

OK

200

OK

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1051
 SUIT # -3
 OUTER GARMENT W/FLOAT GEAR -3
 HELMET # 298
 GLOVES # -2
 BOOTS -1 80 years

PRESS TO TEST	PRE-FLIGHT	POSTFLIGHT
SYSTEM #1	913 19 Aug 69 20 Aug 83	Re-test in P.E. Jan
Max Pressure	<u>110</u>	<u>116</u>
Differential	<u>1.4</u>	<u>1.4</u>
Leak Rate	<u>800</u>	<u>1050</u>
 <u>SYSTEM #2</u>		
Max Pressure	<u>116</u>	<u>116</u>
Differential	<u>1.3</u>	<u>1.4</u>
Leak Rate	<u>750</u>	<u>800</u>
Unpress Leak Rate	<u>250</u>	<u>200</u>
Face Heat	<u>19.5</u>	
Commo and Cord	✓	
Pencils	✓	
Knife	✓	
Controller Number	<u>73</u>	
Packet	✓	✓
Grease Zippers	✓	
Check Location of CO ₂	✓	
Pressure Tap Screws		✓

FLIGHT DATE 21 Aug 67
 DON _____
 DOFF _____
 TIME IN SUIT _____
 TECHNICIAN _____

25X1A

Fighter suit Take over well O.K. 913
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*Backs up Sec*FULL PRESSURE SUIT TEST LOGSUBJECT # 1051FLIGHT DATE 21 Aug 67SUIT # -2

DON _____

OUTER GARMENT W/FLOAT GEAR E+E

DOFF _____

HELMET # 298

TIME IN SUIT _____

GLOVES # -6

TECHNICIAN _____

BOOTS -2PRESS-TO-TEST PRE-FLIGHTSUBJECT TEST POSTFLIGHTSYSTEM #1 14 Aug 67 918
20 Aug 67 913Max Pressure 111

Differential 1.4

Leak Rate 850

SYSTEM #2Max Pressure 108

Differential 1.4

Leak Rate 850

Unpress Leak Rate 250

Face Heat 17 -

Commo and Cord ✓

Pencils ✓

Knife ✓

Controller Number —

Packet —

Grease Zippers ✓

Check Location of CO₂ ✓

Pressure Tap Screws —

PRESSURE SUIT HOOK-UP AND CHECKLIST

- ✓ 1. Packet in pocket.
- ✓ 2. Stirrups secured.
- ✓ 3. Communication secured and functioning.
- ✓ 4. Face heat on (low).
- ✓ 5. Oxygen hoses secured in QD.
- ✓ 6. Three harness snaps secured - harness adjusted and surplus stowed.
- ✓ 7. Kit adjusted and surplus stowed.
- ✓ 8. Two (2) bailout hoses secured.
- ✓ 9. Lap belt, shoulder harness, key secured and adjusted.
- ✓ 10. Oxygen hoses under right leg strap, chest strap under helmet-hold-down.
- ✓ 11. Emergency oxygen lanyard secured and pin removed.
- ✓ 12. Red knob secured.
- ✓ 13. Green apple secured.
- ✓ 14. Manual over ride handle secured.
- ✓ 15. Two (2) rocket jet releases secured.
- ✓ 16. Check face heat.
- ✓ 17. Heat probe.
- ✓ 18. Press to test both oxygen systems.
- ✓ 19. Readjust lap belt.

20. LOW oxygen pressure - #1 system 65/70 ^(70/75) #2 system 70/75 ^(70/75) 1049L

21. HIGH oxygen pressure Departing #1 system 9.5 ^(9.5) #2 system 9.25 ^(9.25) 1204K

✓ 22. Foot rest guards over seat foot rests.

✓ 23. HOOK KIT LANYARD. - BEACON AUTO

SUBJECT 1050 AIRCRAFT NUMBER 129

25X1A TECHNICIAN DATE OF FLIGHT 21-8-67

HIGH oxygen pressure Returning #1 system 8' 0 #2 system 8.5 1645

1 Hour Decay AFTER ENGINE START

Pilot Hookup REEAMPLISHED -

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

- ✓ 1. Ripcord pins seated (main and first stage).
- ✓ 2. Pack opening elastics secured.
- ✓ 3. First stage jettison mated and pins secured.
- ✓ 4. Two (2) rocket jet units secured.
- ✓ 5. Manual over ride handle secured.
- ✓ 6. Green apple secured.
- ✓ 7. Red knob secured.
- ✓ 8. Bailout hoses adjusted for pressure suit.
- ✓ 9. Bailout hose connectors operating.
- ✓ 10. Harness adjusted for HIGH flight.
- ✓ 11. Automatic openers - triggered and reset.
- ✓ 12. Aneroids 1400' to 7500'.
- ✓ 13. Bailout cylinder pins secured.
- ✓ 14. Bailout cylinder pressure #1 1800 #2 1800.
- ✓ 15. Communication cord secured to chute.
- ✓ 16. Visual inspection completed.

SURVIVAL KIT

LPU #1
5/H #5

- ✓ 1. Yellow handle secured.
- ✓ 2. Trigger clearance
- ✓ 3. Kit disconnects secured
- ✓ 4. Lid secured.
- ✓ 5. Visual condition.

INSTALLATION

- ✓ 1. Vent secured at disconnect.
- ✓ 2. Kit secured to chute - loose.
- ✓ 3. Emergency oxygen lanyard secured to chute and pin installed.
- ✓ 4. Communication cord secured at disconnect.
- ✓ 5. Vent hose secured to chute.
- ✓ 6. Pin secured in QD and safetied.
- ✓ 7. Oxygen system low pressure #1 75/80 #2 85/90.
- ✓ 8. Pip pin in 70° ring
- ✓ 9. Stirrup cables extended and operating freely.
- ✓ 10. Foot rest guards over seat foot rest.

SUBJECT 1051 AIRCRAFT NUMBER 131
MISSION PLAN DATE OF FLIGHT 21 AUG 67
SEAT KIT NUMBER 51 PARACHUTE NUMBER 139
TYPE CUSHION 5/B PIP NUMBER 76

BX6716
(3150)

NOTES

21 AUG - 1135

1235

P.	A/k	HANGER
MV	131	3
S.	SL	2

INITIAL 1800 L
FINAL 1835 L
FINAL 0805 L

25X1A

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T O P S E C R E T

FROM: Mission Coordinator:

20 AUG 1967

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held
 in the Operations Briefing Room on 20 AUG 1967 at

1205 L. The briefing concerns the following:

1. Mission Code Name and Number: BX 6716
2. Date/Time of Launch (H-Hour): 21 Aug 10235 21 1135 L.
3. Ground Spare (H+1:00): 21 Aug 10335 21 1235 L.
4. Bases: Takeoff KADENA Staging _____, Landing KADENA.
5. Equipment required: TYPE I CAMERA BLW,

25X1A

25X1A

6. Ground Spare Requirements: SAME EQUIPMENT AS

Primary

7. Special Instructions/Comments: Will maintain

CAPABILITY TO SUPPORT BACK TO BACK OPNL MISSIONS.

FOR THE COMMANDER

Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	Recipient
CMDR	_____	_____	DCOL	_____	_____
DCO	_____	_____	DCOC/MC	_____	_____
DCM	_____	_____	DCOMI	_____	_____
DCS	_____	_____	DCOW	_____	_____
SECUR	_____	_____	COMMO	_____	_____
FILT SURG	_____	_____	AFCS	_____	(Notify Only)
DCOM	_____	_____	TTFC(SAC)	_____	(Notify Only)

T O P S E C R E T

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